BR|300|30-8-2014.

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
		3	4	5	6	7	8
1	16th Final Bill						

WORK COMMENCED ON 05.08.2014.

Name of the work :- Construction of RCC drain and Culverts in Chikkamaranahally layout main and cross roads in ward-18.

Estimate cost :- Rs :- 15-00 Lakhs.

JOB NO :- 018-16-000002

Work order no :- CE(N)-AE|WO-1764|14-15 Dt: 06/8/14

Agency :- M. Gangadhar. Bangalore.

(1) Earthwork excavation for foundation of buildings, Culverts, water supply etc, either in pits or in trenches 1.5m and above in width in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking Complete. As per Spec.

ENT BOOK

Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 5640

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Excn. foundation Earth	1	4 × 30.00	1.40	0.35	71.01	
	Drain Excavation –	1	4 × 30.00	1.40	1.00	203.00	
						274.01 m³	
				@ 140.00		Rs. 38367.00	
(2)	providing and laying in position pcc 1:4:8 mix with 10mm and down size graded granite metal @ 180 kgs of 43 gr OPC machine mixed Cement concrete laid in layers not exceeding 15 cms thick, well compacted in foundation and plinth						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	including cost of all materials, labour, tools, machinery						
	being complete as per Specification.						
	Drain —	1	4 × 30.00	+ (1 × 25.00)	× 1.20 × 0.20 =	34.80 Cum	
	Quantity limited to 34.58 Cum @ 4200.00 Rs. (1,45,236.00)						
	10/05/2014						
	Measurements Continued on:- 15.05.2014.						
(3)	Providing TMT Steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping or welding wherever necessary complete as per detail (Lapse, Hooks and Wastage shall not be measured and paid) Cost of materials, labour, tools & machinery complete						

Serial No.....
Name of work.....
Name of Contractor of natu
Date of commencement of

Date	Full description, etc,
1	2
	10 mm ϕ
	Main
	Distri
	321.60
	(251.10 + 377
3	providing
	work for
	thickness,

SUREMENT BOOK

Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

...work, labour from machinery
...for pump.

...50 m) + (122·40 m) x 1·20 x 0·20 = 34·50 cum

...34·50 cum @ 4160·00 Rs. 143536·00

...Bhuvan
19/8/14

...of work.

...requirement for RCC work
...bending, bending, binding
...ing or welding wherever
...or for doing (tapal, hooks,
...will not be measured and paid
...labour from g machinery duplicate

M.A.R. 57 (Rule 116)
Measurement Book No. A/11 5641

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	10 mm ϕ Both ways.						
	Main ⊔	1966	x 2·60 m =		3291·60		
	Distribution	26	x (4 x 30 (m) + (122·40 (m) =		3770·00		
	3291·60 + (2511·60 + 3770·00) =	7061·60	@ 0·62 kg/m =		43·78	Quintals	
			@ 6560·00			Rs.	264797·00
	Bhuvan						
(A) 3	providing and removing Centering, Shuttering, Shutting, propping etc, and removal of forms work for vertical surface Reinforced walls at any thickness, including attached string Course Cost of all						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Materials, Labour Complete as per specifications.						
	1 bldg.	4	× (4+36.00)	+ (1×36.00)	× 1.00	= 580.00 m²	
				@265.00		Rs. 153700.00	
						5.	
	Measurement (continued)						
81	Providing and laying in position reinforced Cement Concrete of nominal mix M20 with opc @ 320 kgs with 20 mm and down size granite metal, CA @0.818 cum and FA @0.409 cum, and super plasticizer @ 3 ltr. Conforming to IS7103-1999 reaffirmed-2008 machine mixed Concrete Laid in layers not exceeding 15cm thick. Vibrated for all works in foundation plinth						

Serial No.....
Name of work.....
Name of Contractor of nature
Date of commencement of w

Date	Full description, etc, o
1	2
	and ground
cost of all ma
Complete as pe
	Bottom Slab
Side walls
	20/2/14

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			as per specifications.	
			580.00 m²	
			Rs. 153700.00	

...Reinforced Cement
... with QAC @ 320 kgs
... granite metal, CA
...m, and Kuppamnallur
... reaffirmed-2008
... layers not exceeding
... in foundation plus

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 5642

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and Ground floor level for walls, etc., including cost of all materials, labour, hoisting machinery Complete as per Specification.						
	Bottom Slab-	1	(4×30.00)+(1×25.00)	×1.20	×0.20	= 39.60	
	Side walls-	2	(4×30.00)+(1×25.00)	×0.80	×0.15	= 39.60	
				5300.00		69.60 Cum	
				@ 775.90		Rs. 368880.00	
						5.	

Check
20/8/14

Ex. engineer 20/8/14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11

5643

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	~~174 Stubs~~ x 1.20 x 0.60 =						
	274 nos x 1.20 x 0.60 =					171.68	m³
	Quantity limited to 162.00 m³ @ 1300.00					Rs	210600.00
	(2) Conveying the excavated earth by private vehicle including loading by unloading charges upto 10 km. with lead and lift charges.						
	Quantity as per item (1)		274.00	m³	@ 90.00	Rs	24665.00

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(9) painting two coats Enamel paint in approved Colours surface, with all materials, labour Complete As per specification.						
	Kerb- 1 x (4 x 30.00) + (1 x 2 x 4) x 0.30 = 43.50 m²						
	Quantity limited to 40.50 m² @ 45.00					Rs. 1821.40	
						Rs 73,30,074.00	
						TOTAL Rs [illegible]	
	[illegible] 30/9/2014 Certificate:- (1) The above work has been Completed satisfactorily by the Contractor. (2) All the debris from the work spot has been Cleared by the Contractor.						

Serial No.....
Name of work.....
Name of Contractor o
Date of commenceme

Date	Full descriptio
1	2
	Layout Ske

Contents 7	Reference to last Measurement 8
...with Synthetic ...	
...new plastered ...	
...Complete	
...30 = AB.50 m²	
...Rs. (182.10	
Rs 13,30,074-	
TOTAL Rs ~~13,66,580-~~	
...been Completed	
...Contractor.	
...from the ...	
...by him	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 5644

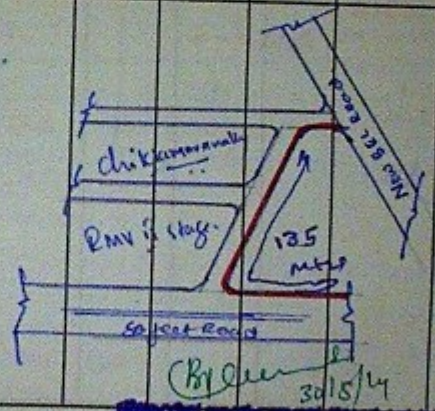
Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Layout Sketch:						



30/5/14

BR/300/30.8.14

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
						Total Rs: 13,30,074-0	
	P&M Works						
	P: 177/ Zone Work						
	1330074-0						
	1330074-0						
	1231610-0						
	98464-0						
						JT - 13301-0	
						VAT - 53203-0	
						CCH - 1500-0	
						CBF - 1330-0	
						RL - 15680-0	
						ADJ (Deduct) 98464-0	
						Charges: 1231610-0	

Executive Engineer
P&M GBMP

BR/589/24-2

Serial No.....
Name of work.....
Name of Contractor of na
Date of commencement

Date	Full description, e
1	2
	I & final B
	Name of the wor
	Sterlin
	JOB NO:- 018
	A/s no:- E
	T/s no:- EE
	Agency:-
	(1). Earthwork exc
	and above in
	Including d
	Stacking th
	with lead